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| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | | Attorney Docket No. 239948US8CONT |
| | | First Inventor or Application Identifier Yoshihiro Emori |
| | | Title RAMAN AMPLIFICATION METHOD AND OPTICAL SIGNAL TRANSMISSION METHOD USING SAME |
| | | Assignee Name: The Furukawa Electric Co., Ltd. Assignee Address: 6-1 Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 Japan |

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| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small> | | Commissioner for Patents ADDRESS TO: Mail Stop Patent Application Alexandria, Virginia 22313 |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> | | ACCOMPANYING APPLICATION PARTS |
| 2. <input checked="" type="checkbox"/> Specification Total Sheets 35 | | 7. <input checked="" type="checkbox"/> Assignment Papers recorded at Reel/Frame 012003/0500 |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets 27 | | 8. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 |
| 4. <input checked="" type="checkbox"/> Oath or Declaration Total Pages 4 <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) <small>(for continuation/divisional with box 17 completed)</small> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).</small> | | 9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney 10. <input type="checkbox"/> English Translation Document (<i>if applicable</i>) |
| 5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>) | | 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations |
| 6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>) <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification or Sequence Listing on : <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies | | 12. <input type="checkbox"/> Preliminary Amendment |
| 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no.: 09/774,026 * Prior application information: Examiner: Healy, B. Group Art Unit: 2874 | | 13. <input checked="" type="checkbox"/> White Advance Serial No. Postcard |
| | | 14. <input type="checkbox"/> Certified Copy of Priority Document(s) (<i>if foreign priority is claimed</i>) |
| | | 15. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |
| | | 16. <input checked="" type="checkbox"/> Other: Request for Priority |

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

This application is a Continuation Division Continuation-in-part (CIP)
 of application Serial No. 09/774,026 Filed on January 31, 2001, which is a continuation of PCT/JP00/03439 filed May 29, 2000.

This application claims priority of provisional application Serial No. Filed

19. CORRESPONDENCE ADDRESS


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|------------|-------------------------|-------------------|-------------------|
| Name: | Bradley D. Lytle | Registration No.: | 40,073 |
| Signature: | <i>bradley d. lytle</i> | | Date: 7/9/03 |
| Name: | | | Registration No.: |

Docket No. 239948US8CONT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Yoshihiro Emori, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: RAMAN AMPLIFICATION METHOD AND OPTICAL SIGNAL TRANSMISSION METHOD USING
SAME

07/03/03
U.S.
PTO

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

FEES TRANSMITTAL

| FOR | NUMBER FILED | NUMBER EXTRA | RATE | CALCULATIONS |
|--|--------------|--------------|-----------------------------|--------------|
| TOTAL CLAIMS | 1 - 20 = | 0 | x \$18 = | \$0.00 |
| INDEPENDENT CLAIMS | 1 - 3 = | 0 | x \$84 = | \$0.00 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable) | | | + \$280 = | \$0.00 |
| <input type="checkbox"/> LATE FILING OF DECLARATION | | | + \$130 = | \$0.00 |
| | | | BASIC FEE | \$750.00 |
| | | | TOTAL OF ABOVE CALCULATIONS | \$750.00 |
| <input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY | | | | \$0.00 |
| <input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE | | | + \$130 = | \$0.00 |
| <input type="checkbox"/> RECORDATION OF ASSIGNMENT | | | + \$40 = | \$0.00 |
| | | | TOTAL | \$750.00 |

Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.
 A check in the amount of \$750.00 to cover the filing fee is enclosed.
 The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Date: 7/9/03


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